



Sheet 01 of 03

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. RU-0064	Serial No. 09/332,886
	Applicant LAZARUS ET AL.	
	Filing Date JUNE 15, 1999	Group NOT YET ASSIGNED

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
YP	AA	5,032,514	7-16-91	Anderson et al.	435	138
YP	AB	5,008,192	4-16-91	Anderson et al.	435	138
YP	AC	4,757,012	7-12-88	Estell et al.	435	172.3
YP	AD	4,945,052	7-31-90	Hardy et al.	435	172.3
YP	AE	5,004,690	4-2-91	Light et al.	435	138
YP	AF	4,758,514	7-19-88	Light et al.	435	91
YP	AG	4,543,331	9-24-85	Sonoyama et al.	435	138
YP	AH	3,998,697	12-21-76	Sonoyama et al.	195	47
YP	AI	3,959,076	5-25-76	Sonoyama et al.	195	30
YP	AJ	RE 30,872	2-23-82	Sonoyama et al.	435	138

FOREIGN PATENT DOCUMENTS

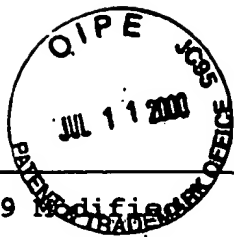
Examiner Initial		Document No.	Date	Country	Translation YES	NO
YP	AK	046,284	14-8-81	EPO	x	
YP	AL	088,409	4-3-83	EPO	x	
YP	AM	142,169	14-11-84	EPO	X	

EXAMINER /Yong Pak/	DATE CONSIDERED 05/03/2006
-------------------------------	--------------------------------------



Sheet 02 of 02

Form PTO-1049 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. RU-0064	Serial No. 98/332,886
		Applicant LAZARUS ET AL.	
		Filing Date JUNE 15, 1999	Group NOT YET ASSIGNED
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
YP	AA	Anderson S. et al., "Production of 2-Keto-L-Gulonate, an Intermediate in L-Ascorbate Synthesis, by a Genetically Modified <u>Erwinia herbicola</u> ", <i>Science</i> 130:144-149 (1985)	
YP	AB	Grindley, J.F., et al., "Conversion of Glucose to 2-Keto-L-Gulonate, an Intermediate in L-Ascorbate Synthesis by a Recombinant Strain of <u>Erwinia herbicola</u> ", <i>Appl. Environ. Microbiol.</i> 54:1170-1775 (1988)	
YP	AC	Kellis, J.T., et al., "Contribution of Hydrophobic Interactions to Protein Stability", <i>Nature</i> 333:784-786 (1988)	
YP	AD	Imanaka T., et al., "A New Way of Enhancing the Thermostability of Proteases", <i>Nature</i> 324:695-697 (1986)	
YP	AE	Matthews, B.W., et al., "Enhanced Protein Thermostability from Site-Directed Mutations that Decreases the Entropy of Unfolding", <i>Proc. Natl. Acad. Sci. (USA)</i> 84:6663-6667 (1987)	
YP	AF	Matsumura, M., et al., "Substantial Increase of Protein Stability by Multiple Disulphide Bonds", <i>Nature</i> 342:291-293 (1989)	
YP	AG	Miller et al., "Purification and Characterization of 2,5-Diketo-D-Gulonate Reductase from <i>Corynebacterium</i> Sp.", <i>J. Biol. Chem.</i> 262:9016-9020 (1987)	
YP	AH	Nicholson, et al., "Enhanced Protein Thermostability from Designed Mutations that Interact with α -Helices", <i>Science</i> 240:1648-1652 (1988)	
YP	AI	Rastetter, et al., "Enzyme Engineering: Applications and Promise", <i>Trends Biotechnol.</i> 1:80-84 (1983)	
EXAMINER /Yong Pak/		DATE CONSIDERED 05/03/2006	



Sheet 03 of 03

Form PTO-1449 List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. RU-0064	Serial No. 09/332,886
		Applicant LAZARUS ET AL.	
		Filing Date JUNE 15, 1999	Group NOT YET ASSIGNED
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
YP	AJ	Richardson et al., "Amino Acid Preferences for Specific Locations at the Ends of α -Helices", <i>Science</i> 240:11648-1652 (19880)	
YP	AK	Sonoyama et al., "Purification and properties of Two 2,5 Diketo-D-Gluconate Reductases from a Mutant Strain Derived from <i>Corynebacterium</i> sp.", <i>J. Ferment. Technol.</i> 65:311-317 (1987)	
YP	AL	Sonoyama et al., "Distribution of Microorganisms Capable of Reducing 2,5 Diketo-D-Gluconate to 2-Keto-L-Gulonate", <i>Agric. Biol. Chem.</i> 51:2003-2004 (1987)	
YP	AM	Sonoyama et al., "Production of 2-Keto-L-Gulonic Acid from D-Glucose by Two Stage Fermentation", <i>Appl. Environ. Microbiol.</i> 43:1064-1069 (1982)	
YP	AN	Wells et al., "Recruitment of Substrate-Specificity Properties from One Enzyme into a Related One by Protein Engineering", <i>Proc. Natl. Acad. Sci. USA</i> 84:5167-5161 (1987)	
YP	AO	Wilkinson et al., "A Large Increase in Enzyme-Substrate Affinity by Protein Engineering", <i>Nature</i> 307:187-188 (1984)	
EXAMINER		/Yong Pak/	DATE CONSIDERED 05/03/2006